

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

**Inventor(s):** Mark C. Huth et al.

**Confirmation No.:**

Application No.:

**Examiner:**

**Filing Date:**

**Group Art Unit:**

**Title:** Laser Micromachining and Methods and Systems of Same

**COMMISSIONER FOR PATENTS**

Washington, D.C. 20231

## INFORMATION DISCLOSURE STATEMENT

**Sir:**

This Information Disclosure Statement is submitted:

- (X) under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ( ) under 37 CFR 1.97(c) together with either a:
  - ( ) Statement under 37 CFR 1.97(e), or
  - ( ) a \$180.00 fee under 37 CFR 1.17(p), or  
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs
- ( ) under 37 CFR 1.97 (d) together with a:
  - ( ) Statement under 37 CFR 1.97(e), and
  - ( ) a petition under 37 CFR 1.97(d)(2), and
  - ( ) a \$180.00 petition fee set forth in 37 CFR 1.17(p).  
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of \$0.00 . At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

(X) Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

( ) A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

"Express Mail" label no. EV 052702049

Date of Deposit 02/15/2002

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Washington, D.C. 20231-1

By

Typed Name: Cheryl Boies

Respectfully submitted,

Mark C. Huth, et al.

By

**Paul W. Mitchell**

Attorney/Agent for Applicant(s)

Req. No. 44,453

Date: 02/15/2002

Telephone No. (509) 324-9256

FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

10013443-1

APPLICATION NO.

CONFIRMATION NO.

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Mark C. Huth et al.

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GROUP

1c978 U.S. PRO  
10/076467

02/15/02

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	1A	2,841,477	7/1958	Hall	41	
	1B	3,364,087	1/1968	Solomon et al.	156	4
	1C	3,866,398	2/1975	Vernon, Jr. et al.	156	17
	1D	4,260,649	4/1981	Dension et al.	427	53.1
	1E	4,331,504	5/1982	Chuang et al.	156	635
	1F	4,332,999	6/1982	Wittke	219	121
	1G	4,467,168	8/1984	Morgan et al.	219	121
	1H	4,643,799	2/1987	Tsujii et al.	156	635
	1I	4,731,158	3/1988	Brannon	156	643
	1J	4,801,352	1/1989	Piwczyk	156	643
	1K	4,925,523	5/1990	Braren et al.	156	643

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
	1L	WO01/10177A1	2/8/2001	XSIL Technology Limited				
	1M							
	1N							
	1O							
	1P							

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	1Q	
	1R	
	1S	

EXAMINER

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	1A	5,164,324	11/1992	Russell et al.	437	19
	1B	5,266,532	11/1993	Russell et al.	437	242
	1C	5,322,988	6/1994	Russell et al.	219	121.69
	1D	5,348,609	9/1994	Russell et al.	156	345
	1E	5,354,420	10/1994	Russell et al.	156	643
	1F	5,362,450	11/1994	Russell et al.	422	186.3
	1G	5,385,633	1/1995	Russell et al.	156	693
	1H	5,387,314	2/1995	Baughman et al.	156	643
	1I	5,443,033	8/1995	Nishizawa et al.	117	86
	1J	5,451,378	9/1995	Russell et al.	412	186.3
	1K	5,493,445	2/1996	Sexton et al.	359	614

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
	1L							
	1M							
	1N							
	1O							
	1P							

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	1A	5,531,857	7/1996	Engelsberg et al.	156	345
	1B	5,591,285	1/1997	Afzali-Ardakani et al.	156	62.2
	1C	5,608,436	3/1997	Baughman et al.	347	65
	1D	5,688,715	11/1997	Sexton et al.	437	173
	1E	5,716,495	2/1998	Butterbaugh et al.	156	643.1
	1F	5,814,156	9/1998	Elliott et al.	134	1
	1G	5,874,011	2/1999	Ehrlich	216	65
	1H	5,877,392	3/1999	Russell et al.	588	227
	1I	5,912,186	6/1999	Yoshino et al.	438	708
	1J	6,331,258B1	12/2001	Silverbrook	216	27
	1K					

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	1L							
	1M							
	1N							
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